

FIG. 1 (PRIOR ART)

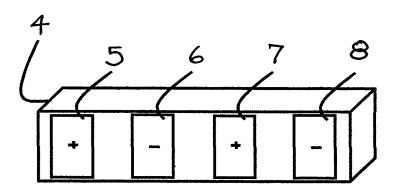
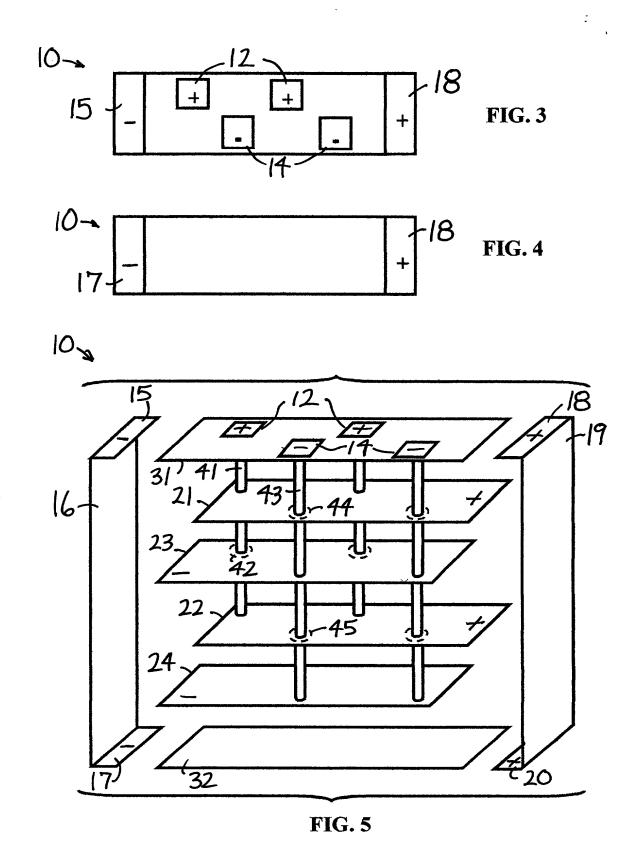
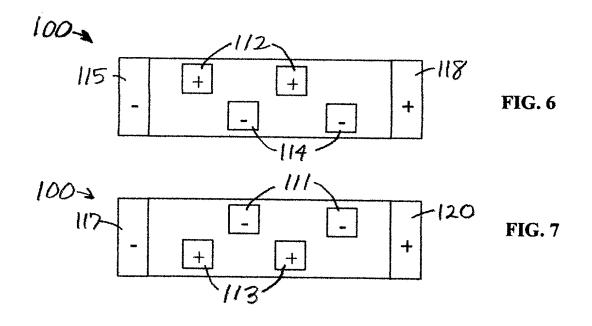
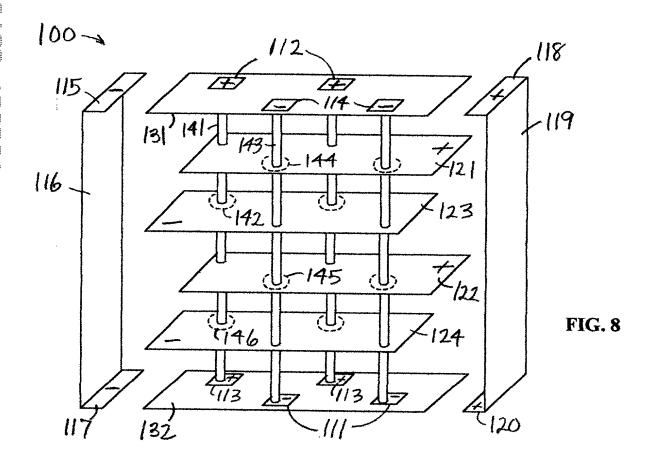
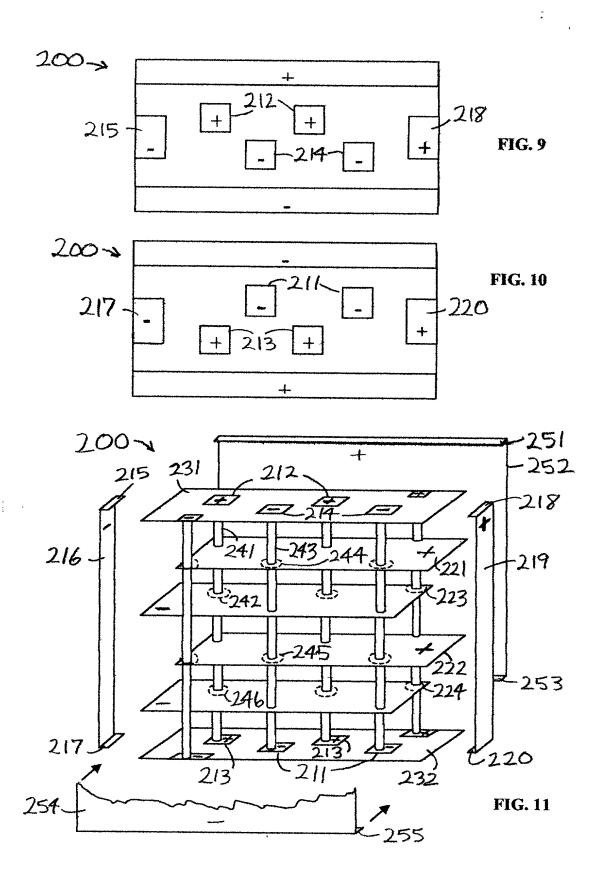


FIG. 2 (PRIOR ART)









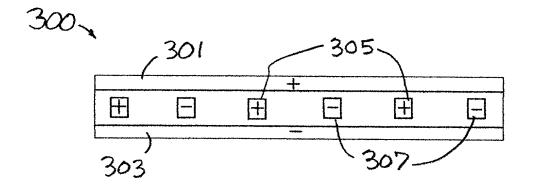
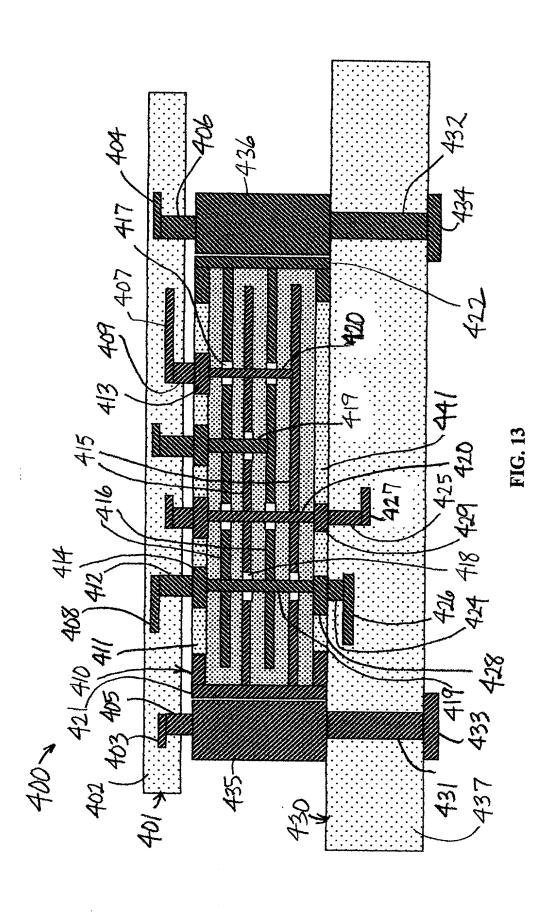
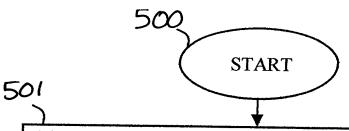


FIG. 12





CONSTRUCT A CAPACITOR HAVING TWO SETS OF CHARGE-STORING ELEMENTS

- EACH SET COMPRISES AT LEAST ONE CHARGE-STORING ELEMENT
- E.G., THE 1ST SET HAS A 1ST CHARGE-STORING ELEMENT TO STORE A CHARGE HAVING A 1ST POLARITY
- E.G., THE 2ND SET HAS A 2ND CHARGE-STORING ELEMENT TO STORE A CHARGE HAVING A 2ND POLARITY
- THE SETS OF CHARGE-STORING ELEMENTS ARE SEPARATED BY A DIELECTRIC MATERIAL

FIG. 14A

503

FORM "P" SEPARATE TERMINALS ON AT LEAST 3 OF THE CAPACITOR'S EXTERNAL SIDES

- "M" OF THE SEPARATE TERMINALS ARE COUPLED TO THE 1ST CHARGE-STORING ELEMENT(S)
- "N" OF THE SEPARATE TERMINALS ARE COUPLED TO THE 2ND CHARGE-STORING ELEMENT(S), WHERE M, N, AND P ARE POSITIVE INTEGERS AND P = M+N
- THE CAPACITOR CAN BE MADE IN DIFFERENT EMBODIMENTS, HAVING AT LEAST 3, 4, 5, OR 6 SEPARATE TERMINALS FORMED ON 3, 4, 5, OR 6 DIFFERENT EXTERIOR SIDES, RESPECTIVELY
- THE CAPACITOR CAN HAVE MORE THAN ONE SEPARATE TERMINAL ON EACH OF AT LEAST 3 EXTERIOR SIDES, E.G. 2 SEPARATE TERMINALS ON A 1ST SIDE; 3 SEPARATE TERMINALS ON A 2ND SIDE; 7 SEPARATE TERMINALS ON A 3RD SIDE; ETC.
- THE CAPACITOR HAS A BODY, WHICH MAY HAVE THE GEOMETRICAL SHAPE OF A RECTANGULAR SOLID

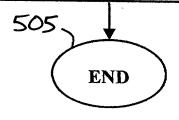
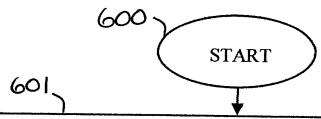


FIG. 14B



POSITION A CAPACITOR ON A SUBSTRATE

THE CAPACITOR HAS SEPARATE TERMINALS ON AT LEAST THREE SIDES

603.

ELECTRICALLY COUPLE A SEPARATE TERMINAL OF A 1ST SIDE TO A 1ST TERMINAL ON THE SUBSTRATE

- IN ANOTHER EMBODIMENT, TWO SEPARATE TERMINALS OF A 1ST SIDE ARE ELECTRICALLY COUPLED TO 1ST AND 2ND TERMINALS, RESPECTIVELY, ON THE SUBSTRATE
- IN YET ANOTHER EMBODIMENT, ONE SEPARATE TERMINAL OF A 1ST SIDE IS ELECTRICALLY COUPLED TO 1ST AND 2ND TERMINALS, RESPECTIVELY, ON THE SUBSTRATE

FIG. 15A

605

ELECTRICALLY COUPLE A SEPARATE TERMINAL OF A 2ND SIDE TO A 1ST CONDUCTIVE BAR ON THE SUBSTRATE

- IN ANOTHER EMBODIMENT, TWO SEPARATE TERMINALS OF A 2ND SIDE ARE ELECTRICALLY COUPLED TO A 1ST CONDUCTIVE BAR ON THE SUBSTRATE

607

ELECTRICALLY COUPLE A SEPARATE TERMINAL OF A 3RD SIDE TO A 2ND CONDUCTIVE BAR ON THE SUBSTRATE

- IN ANOTHER EMBODIMENT, TWO SEPARATE TERMINALS OF A 3RD SIDE ARE ELECTRICALLY COUPLED TO A 2ND CONDUCTIVE BAR ON THE SUBSTRATE

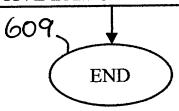
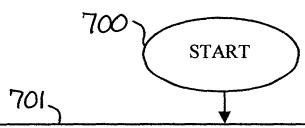


FIG. 15B



POSITION A CAPACITOR ADJACENT TO A SUBSTRATE HAVING "M" TERMINALS

- THE CAPACITOR HAS "P" SEPARATE TERMINALS ON AT LEAST THREE SIDES
- IN SOME EMBODIMENTS, THE CAPACITOR HAS SEPARATE TERMINALS ON 4, 5, OR 6 SIDES
- THE CAPACITOR MAY HAVE MORE THAN ONE SEPARATE TERMINAL PER SIDE
- THE "M" TERMINALS OF THE SUBSTRATE
 MAY INCLUDE AT LEAST ONE CONDUCTIVE
 BAR

703

POSITION AN ELECTRICAL ELEMENT ADJACENT TO THE CAPACITOR

- THE ELECTRICAL ELEMENT HAS "N" TERMINALS
- THE "N" TERMINALS OF THE ELECTRICAL ELEMENT MAY INCLUDE AT LEAST ONE CONDUCTIVE BAR

FIG. 16A

705.

ELECTRICALLY COUPLE THE CAPACITOR'S "P" SEPARATE TERMINALS TO THE "M" AND "N" TERMINALS

- ONE OR MORE SEPARATE TERMINALS OF A 1ST SIDE MAY BE ELECTRICALLY COUPLED TO CORRESPONDING TERMINALS OF THE SUBSTRATE
- ONE OR MORE SEPARATE TERMINALS OF A 2ND SIDE MAY BE ELECTRICALLY COUPLED TO A 1ST CONDUCTIVE BAR ON THE SUBSTRATE
- ONE OR MORE SEPARATE TERMINALS OF A 3RD SIDE MAY BE ELECTRICALLY COUPLED TO A 2ND CONDUCTIVE BAR ON THE SUBSTRATE
- ONE OR MORE SEPARATE TERMINALS OF A 4TH SIDE MAY BE ELECTRICALLY COUPLED TO CORRESPONDING TERMINALS OF THE ELECTRICAL ELEMENT
- ONE OR MORE SEPARATE TERMINALS OF A 5TH SIDE MAY BE ELECTRICALLY COUPLED TO A 1ST CONDUCTIVE BAR ON THE ELECTRICAL ELEMENT

FIG. 16B

705 CONT'D

- ONE OR MORE SEPARATE TERMINALS OF A 6TH SIDE MAY BE ELECTRICALLY COUPLED TO A 2ND CONDUCTIVE BAR ON THE ELECTRICAL ELEMENT
- IN GENERAL, THE SEPARATE TERMINALS
 CAN BE COUPLED TO CORRESPONDING
 TERMINALS AND/OR CONDUCTIVE BARS ON
 THE SUBSTRATE AND/OR ON THE
 ELECTRICAL ELEMENT IN ANY DESIRED
 COMBINATION

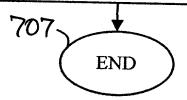


FIG. 16C